

FCC Class II Permissive Change Request Letter

Date: 2021-10-08

To FCC:

RE: FCC Permissive II Change Request for Company: Foshan Viomi Electrical Technology Co., Ltd. FCC ID:2AZW5-V3MAX

We are submitting an application for a class II permissive change to the FCC approval of the Company name: Foshan Viomi Electrical Technology Co., Ltd., product description: Robot Vacuum Cleaner (FCC ID: 2AZW5-V3MAX, Original Grant Date: 06/17/2021). The transmitter module itself has not changed. Here are the changes:

1.The microprogrammed control unit is changed from the RK3308 to the RK3308B ,Old materials support RGB LCD :18-bit(RGB666), 16-bit(RGB565), New material support type more 24-bit(RGB888).

2.The DDR is changed from the M15T2G16128A-DEBG2LS to the M15T2G16128A-DEBG2R ,The new material supports partial data refresh to reduce its power consumption.

3.The Flash is changed from the F59L1G81LB -25TG2M to the F59L1G81MB -25TG2M ,ECC error correction bits for old materials: 1bit/528 bytes; ECC error correction bits for new materials: 4 bits /528 bytes,The ECC error correction bits of new and old materials are different, New material error correction efficiency is higher.

4.The P-MOSFET is changed from the CJ3407 to the RC3407 ,There is a difference between the internal resistance of the new material and the old material:Used materials 60mΩ, -10V, 87mΩ, -4.5V;New material <52mΩ, -10V, <87mΩ, -4.5V.When the current is <2A, the step-down difference is small.

5.GD32E230C8T6 chip replaces GD32F330C8T6 chip, the maximum main frequency of GD32E230C8T6 chip is 72MHz(72MHz is used in real time), The maximum main frequency of GD32F330C8T6 chip is 84MHz(80MHz is used in actual use), and the main frequency is reduced.

6. LD00 radar PCB supplier changed from Xinghe to Fusheng.

Sincerely,

Client's signature: *Kai Chen*

Name: Kai chen

Title: Manager

Applicant Company: Foshan Viomi Electrical Technology Co., Ltd.